

**AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set ~~containing~~ including a list of substances that include controlled substances, and wherein at least some of said controlled substances are in the same ~~compound group~~ class of compounds;

providing a second data set ~~containing~~ including a list of said controlled substances, and wherein said controlled substances of the same ~~compound group~~ class of compounds are categorized by a common group control ID;

providing a third data set ~~containing~~ including a list of conversion factors for said controlled substances in a process;

determining an emissions quantity of said controlled substances utilizing said conversion factors and said first and second data sets,

wherein said group control ID is the same for chemicals to be controlled that include a predetermined common component.

2. (Currently Amended) The method of claim 1 wherein said second data set further ~~contains~~ includes safety information about said controlled substances.

3. (Currently Amended) The method of claim 1 wherein said second data set further ~~contains~~ includes a control object code for designating the source of the control.

4. (Original) The method of claim 1 wherein said process is a chemical reaction.

5. (Currently Amended) The method of claim 1 further comprising the step of providing a fourth data set ~~containing~~ including handling precautions, hazards and legal regulations for said materials.

6. (Currently Amended) The method of claim 1 ~~further comprising the, wherein~~ said steps of providing said first, second, and third data sets includes a step of obtaining said respective data sets from an outsourcing company.

7. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set ~~containing~~ including a list of substances that include controlled substances, and wherein at least some of said controlled substances are in the same ~~group~~ class of compounds;

providing a second data set ~~containing~~ including a list of said controlled substances, and wherein said controlled substances of the same ~~compound~~ group class of compounds are categorized by a group control ID;

providing a third data set ~~containing~~ including a conversion factor for at least one of said controlled substances in a process;

providing a fourth data set ~~containing~~ including a list of handling precautions, hazards and legal regulations for said materials;

determining an emissions quantity of said controlled substances utilizing said conversion factor and said first and second data sets,

wherein said group control ID is the same for chemicals to be controlled that include a predetermined common component.

8. (Currently Amended) The method of claim 7 wherein said second data set further ~~contains~~ includes information about said controlled substances.

9. (Currently Amended) The method of claim 7 wherein said second data set further ~~contains~~ includes a control object code for designating the source of the control.

10. (Original) The method of claim 7 wherein said process is a chemical reaction.

11. (Previously Presented) The method of claim 7 further comprising the step of obtaining said data sets from an outsourcing company.

12. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set ~~containing~~ including a list of substances that include controlled substances;

providing a second data set ~~containing~~ including a list of said controlled substances, at least some of said controlled substances being categorized by a group control ID;

providing a third data set ~~containing~~ including a list of conversion factors for said controlled substances in a process; and

determining an emissions quantity of said controlled substances utilizing said conversion factors and said first and second data sets,

wherein said group control ID is the same for chemicals to be controlled that include a predetermined common component.

13. (Canceled)

14. (Currently Amended) The method of claim 12 wherein said second data set further ~~contains~~ includes information about said controlled substances.

15. (Currently Amended) The method of claim 12 wherein said second data set further ~~contains~~ includes a control object code for designating the source of the control.

16. (Original) The method of claim 12 wherein said process is a chemical reaction.

17. (Currently Amended) The method of claim 12 further comprising the step of providing a fourth data set ~~containing~~ including handling precautions, hazards and legal regulations for said materials.

18-38. (Canceled)

39. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set ~~containing~~ including a list of substances which include legally controlled substances, at least some of which belong to the same ~~compound group~~ class of compounds;

providing a second data set ~~containing~~ including a list of said legally controlled substances, and grouping said at least some of said legally controlled substances, that belong to the same ~~group~~ class of compounds, by a group control ID;

providing a third data set ~~containing~~ including a conversion factor for at least one of said controlled substances in a process;

determining an emissions quantity of said controlled substances utilizing said conversion factor and said first and second data sets; and

wherein said method further comprises the step of obtaining said data sets from an outsourcing company,

wherein said group control ID is the same for chemicals to be controlled that include a predetermined common component.

40. (Canceled)